

## ABSTRACT OF THE DISCLOSURE

A fuel cell includes a membrane electrode assembly and first and second metal separators for sandwiching the membrane electrode assembly. In the membrane electrode assembly, a surface area of a gas diffusion layer is larger than a surface area of a gas diffusion layer. A seal member is provided at a position corresponding to an outer marginal region of the gas diffusion layer. The seal member includes a main seal inserted between a solid polymer electrolyte membrane and the first metal separator, and an a flow field wall inserted between the gas diffusion layer and the first metal separator for defining a part of an oxygen-containing gas flow field.